

CLAIM SUMMARY DOCUMENT

Claim 1 (Currently amended) A method of synthesizing carbon nanotubes, comprising the steps of:

introducing a catalyst in a reactor on a support structure that is not necessarily tolerant of a reaction temperature of the catalyst;

supplying a reactant gas containing a carbon source gas over the catalyst;

selectively and locally heating the catalyst in the reactor, without necessarily heating anything else, to the reaction catalyst temperature; and

growing carbon nanotubes from the heated catalyst.

Claim 16-24 and 26 (Canceled)